

IN THE CLAIMS

As previously presented in the response to the restriction requirement that was filed on February 22, 2001, Applicants desire that claims 1, 4 and 5 be amended as follows:

1. (Previously Presented) An isolated nucleic acid molecule comprising ~~DNA having at least an 80% sequence identity to~~ (a) a DNA molecule encoding a UCP4 polypeptide comprising the sequence of amino acid residues from about 1 to about 323 of Figure 1 (SEQ ID NO: 1), or (b) the complement of the DNA molecule of (a).
4. (Previously Presented) An isolated nucleic acid molecule comprising DNA encoding a UCP4 polypeptide, wherein said DNA hybridizes under moderately stringent conditions to the complement of the nucleic acid comprising nucleotides from about 40 to about 1011 of Figure 2 (SEQ ID NO: 2).
5. (Previously Presented) An isolated nucleic acid molecule comprising ~~DNA having at least an 80% sequence identity to~~ (a) a DNA molecule encoding the same mature polypeptide encoded by the cDNA in ATCC Deposit No. 203134 (DNA 77568-1626) or (b) the complement of the DNA molecule of (a).